



BOYLE  
FREDRICKSON  
NEWHOLM  
STEIN & GRATZ SC

INTELLECTUAL PROPERTY LAW

12.93.01

A  
SUITE 1030

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November 30, 2001

U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

ATTN: BOX PATENT APPLICATION

Re: Utility Patent Application Transmittal  
Inventor(s): Don VAUGHAN and Paul D. NIELSEN  
Title: *Quiet Flow Control Washer for Water Softener or the Like*  
Assignee: Clack Corporation  
**USPTO Customer Account No.: 23598**  
Attorney Docket No.: 31.043

Dear Sir:

Enclosed is our check in the amount of **\$512.00** in payment of the government filing fee for the enclosed United States patent application, which application includes **16** pages of specification, **22** claims on **7** sheets, **7** Drawings on **4** sheets, and an Abstract of the Disclosure, and an executed Declaration are enclosed. A Fee Transmittal Form PTO/SB/17 (11/00) is also enclosed.

Applicant is a small entity within the meaning of 37 CFR §§ 1.9 and 1.27 and hereby claims small entity status.

I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b). An executed Request and Certification under 35 U.S.C. 122(b)(2)(B)(i) is also enclosed.


An Information Disclosure Statement (IDS), Form PTO-1449, and copies of the documents are enclosed.

Also enclosed is an Assignment, which was executed concurrently with the Declaration and which is being filed concurrently with the application, a recordation cover sheet, and our \$40.00 check in payment of the recording fee.

09998060-113001

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1170.

Respectfully submitted,

  
Timothy E. Newholm  
Registration No. 34,400



Please Deposit to Account  
**23598**  
Check Here

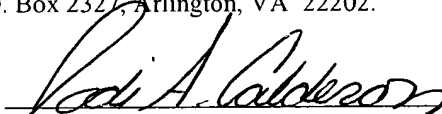
PATENT TRADEMARK OFFICE

Certification Under 37 CFR 1.10

Express Mail Label No: EF252000341US

Date of Deposit: November 30, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service in "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Director of the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

  
Jodi A. Calderon

09998760 11001  
FOOT 0908660

# FEE TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*TOTAL AMOUNT OF PAYMENT **(\$512)****Complete if Known**

Application Number	
Filing Date	November 30, 2001
First Named Inventor	Vaughan
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	31.043

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number  
Deposit  
Account  
Name

50-1170

Boyle, Fredrickson, Newholm, Stein &amp; Gratz S.C.

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17
- 
- ☒
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:
- 
- ☒
- Check
- ☐
- Credit Card
- ☐
- Money
- 
- Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1) (\$370)****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
22	-20**= 2	9	18
5	-3**= 2	42	84
Multiple Independent			
Dependent			

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$102)**

\*\* or number previously paid, if greater; For Reissues, see above

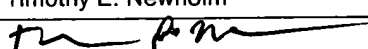
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$40)****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Timothy E. Newholm	Registration No. (Attorney/Agent)	34,400	Telephone	(414) 225-9755
Signature		Date	November 30, 2001		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

VAUGHAN et al.

For: *Quiet Flow Control Washer for Water Softener or the Like*

**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**


U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

ATTN: BOX PATENT APPLICATION

Sir:

I hereby certify that the invention disclosed in the attached *application has not and will not be* the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C 122(b).

Respectfully submitted,

  
Timothy E. Newholm  
Registration No. 34,400

Dated: November 30, 2001

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FOOET-09086660